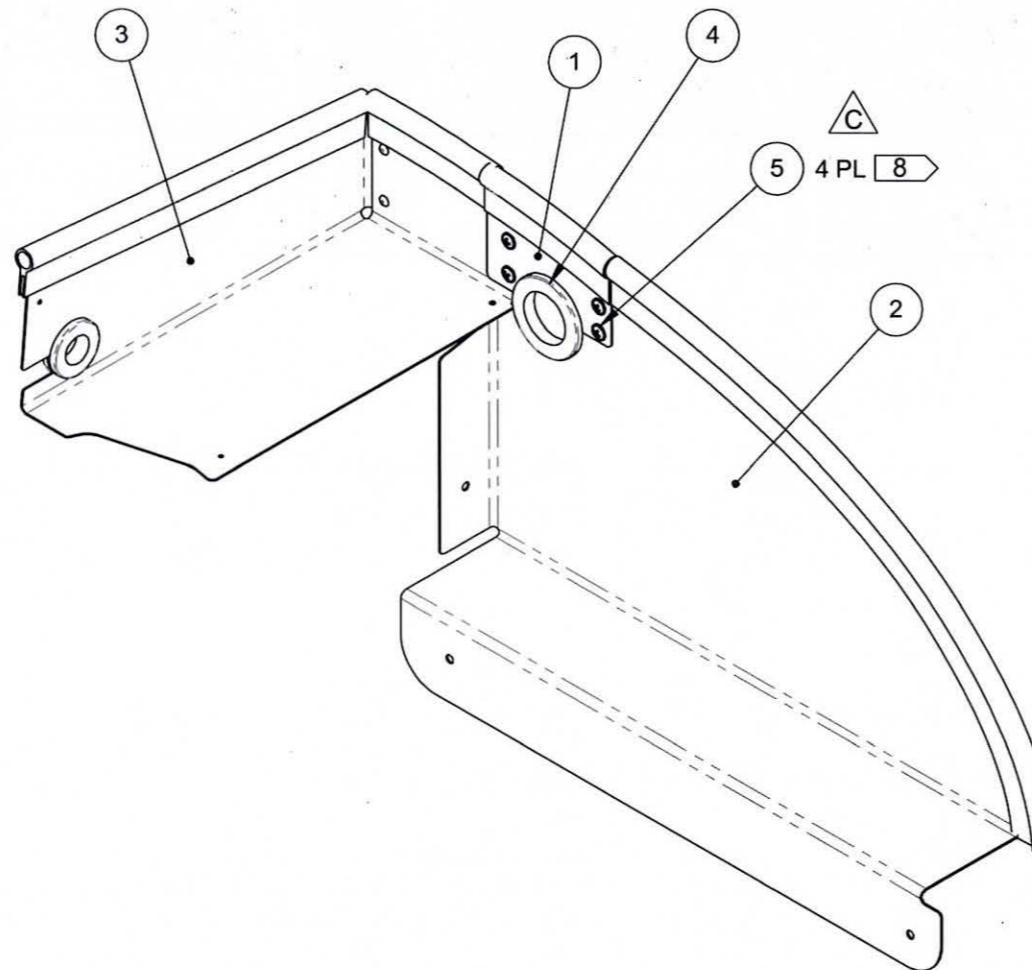


ITEM	QTY -041	PART NUMBER	DESCRIPTION
	X	D4436-041	AFT BRACKET ASSEMBLY
1	1	D4435-043	BRACKET ASSEMBLY
2	1	D4436-043	AFT OUTBOARD BRACKET ASSEMBLY
3	1	D4436-045	AFT INBOARD BRACKET ASSEMBLY
4	1	D4440-1	GROMMET
5	4	AN525-832R6	SCREW, WASHER HEAD

C

**D4436-041 AFT BRACKET ASSEMBLY****RELEASED**

MAR 1 2023

S01

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 1.31 lbs
- 8) TORQUE SCREWS TO 12-15 (in-lb)

APPROVED

C	ORGANIZED BOM ITEM NUMBERS & ADDED BALLOONS QTY TO D4436-041-043-045-047-049. SHT3 D4436-045 BOM: D4441-036 WAS D4441-038 & SHT4 D4436-047 BOM: D4436-051 WAS D4436-045; SHT6: ADDED D4436-051; SHT8, 10, 14: ORGANIZED DIM. & ADDED NOTE 8 TO D3436-1F, 3F, 9F. REASON ECR 470	RF	23.01.03
B	ADD D4436-9 BRACKET, D4436-047 ASSY, D4436-049 ASSY. REF. PAR18-256	PM	18.09.18
A	NEW ISSUE	RF	12.01.17
REV.	DESCRIPTION		
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF	REV. C D4436	
CHECKED	SAD	DRAWING NO. SHEET 1 OF 14	
MFG. APPR.	JFS	TITLE COVER ASSEMBLY	
APPROVED	SAD	SCALE NTS	
DE APPR.	DS	DATE 23.01.03	

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ITEM	QTY -043	PART NUMBER	DESCRIPTION
	X	D4436-043	AFT OUTBOARD BRACKET ASSEMBLY
1	1	D4436-1	BRACKET
2	1	D4441-1-160	RUBBER SEAL
3	4	MS20426AD3-(2)	RIVET, SOLID, CSK
4	2	MS21075L08	NUT PLATE, SELF-LOCKING, FLOATING
5	A/R	3M 1300/1300L	ADHESIVE

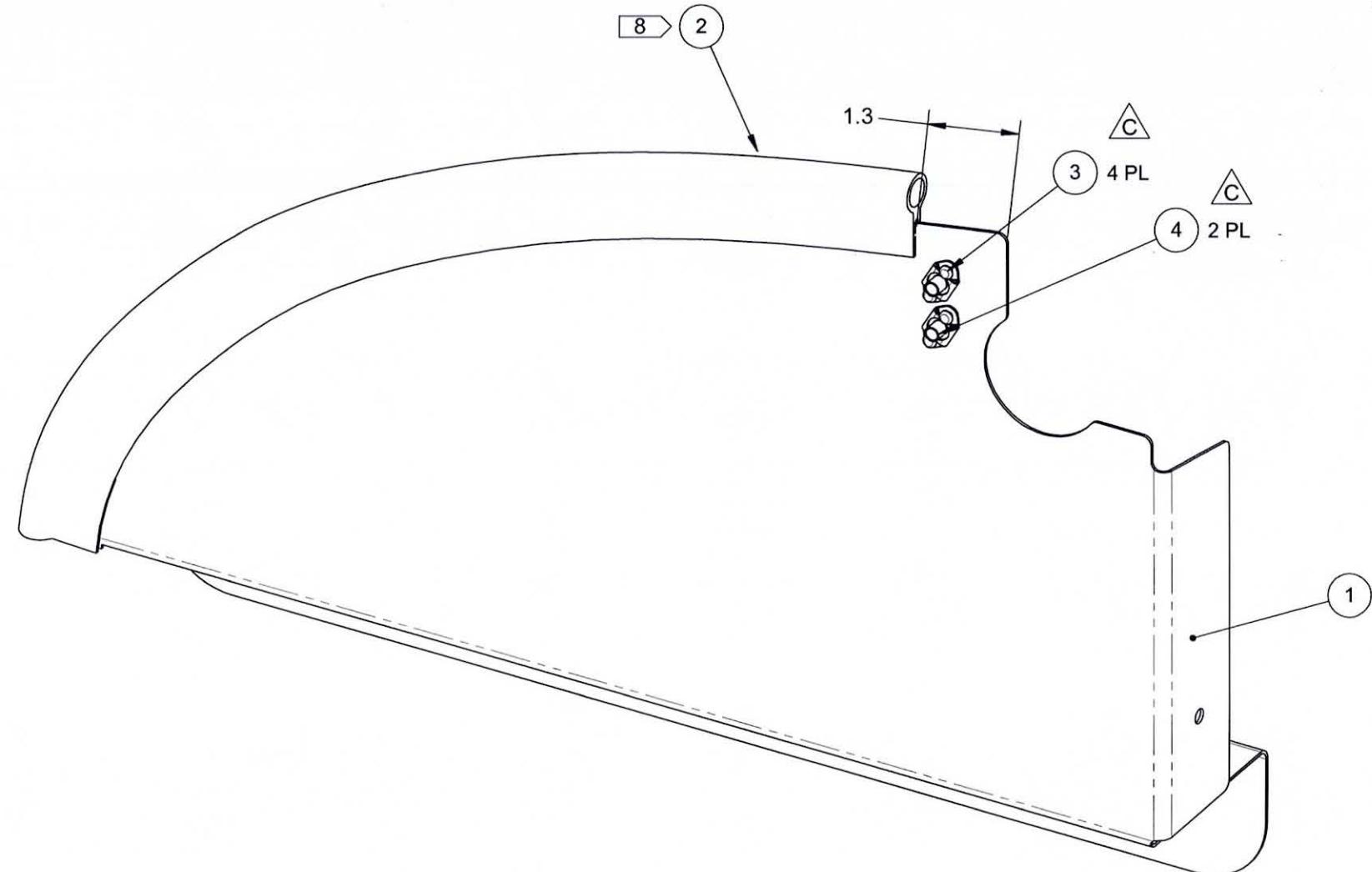
C

8 2

1.3

3 4 PL

4 2 PL



D4436-043 AFT OUTBOARD BRACKET ASSEMBLY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "BLACK SANDTEX" (4.3.5.7) PER DART QSI 005 4.3
MASK NUT PLATE HOLES
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.78 lbs
- 8) INSTALL RUBBER SEAL TO EDGE OF PART AFTER POWDER COAT USING 3M 1300/1300L ADHESIVE
ENSURE BRACKET IS COMPLETELY INSERTED INTO GROOVE OF RUBBER SEAL.
IT IS ACCEPTABLE TO NOTCH THE SEAL AS REQUIRED TO PREVENT IT FROM BUCKLING

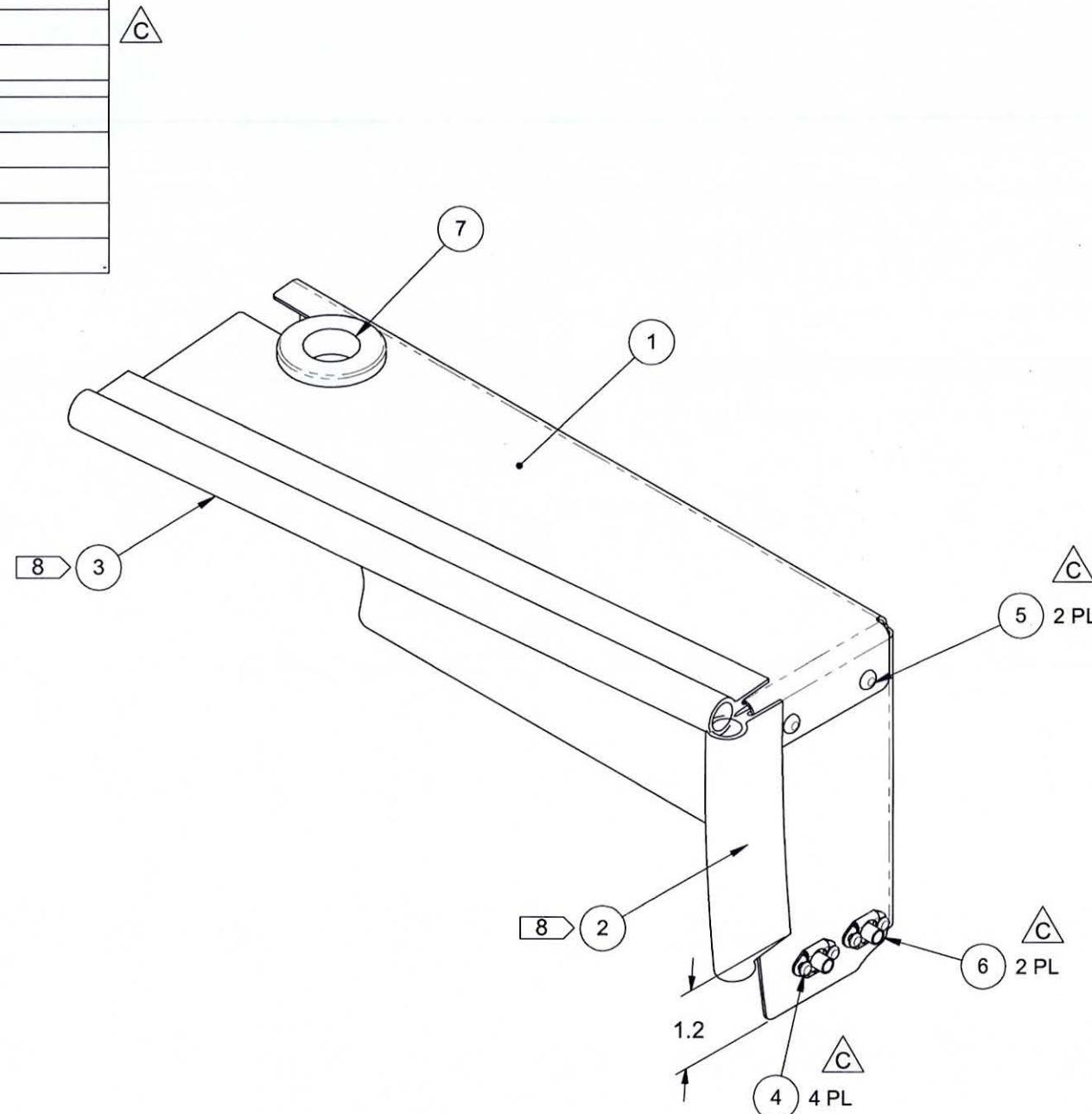
RELEASED

MAR 1 2023 SAD

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DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	SAD	DRAWING NO.	
MFG. APPR.	JFS	REV. C	
APPROVED	SAD	D4436	
DE APPR.	DS 9P	SHEET 2 OF 14	
DATE 23.01.03		TITLE	
COVER ASSEMBLY		SCALE	
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ITEM	QTY -045	PART NUMBER	DESCRIPTION
	X	D4436-045	AFT INBOARD BRACKET ASSEMBLY
1	1	D4436-3	BRACKET
2	1	D4441-1-036	RUBBER SEAL
3	1	D4441-1-100	RUBBER SEAL
4	4	MS20426AD3-(2)	RIVET, SOLID, CSK
5	2	MS20470AD4-(3)	RIVET
6	2	MS21075L08	NUT PLATE
7	1	MS35489-19	GROMMET
8	A/R	3M 1300/1300L	ADHESIVE



D4436-045 AFT INBOARD BRACKET ASSEMBLY

RELEASED

MAR 1 2023 *SAD*

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "BLACK SANDTEX" (4.3.5.7) PER DART QSI 005 4.3
MASK NUT PLATE HOLES
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.42 lbs
- 8) INSTALL RUBBER SEAL TO EDGE OF PART AFTER POWDER COAT USING 3M 1300/1300L ADHESIVE,
ENSURE BRACKET IS COMPLETELY INSERTED INTO GROOVE OF RUBBER SEAL.
IT IS ACCEPTABLE TO NOTCH THE SEAL AS REQUIRED TO PREVENT IT FROM BUCKLING

APPROVED

DESIGN	RF
DRAWN	RF
CHECKED	SAD
MFG. APPR.	JFS
APPROVED	SAD
DE APPR.	DS <i>gp</i>
DATE	23.01.03

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.	REV. C
D4436	SHEET 3 OF 14
TITLE	SCALE
COVER ASSEMBLY	NTS

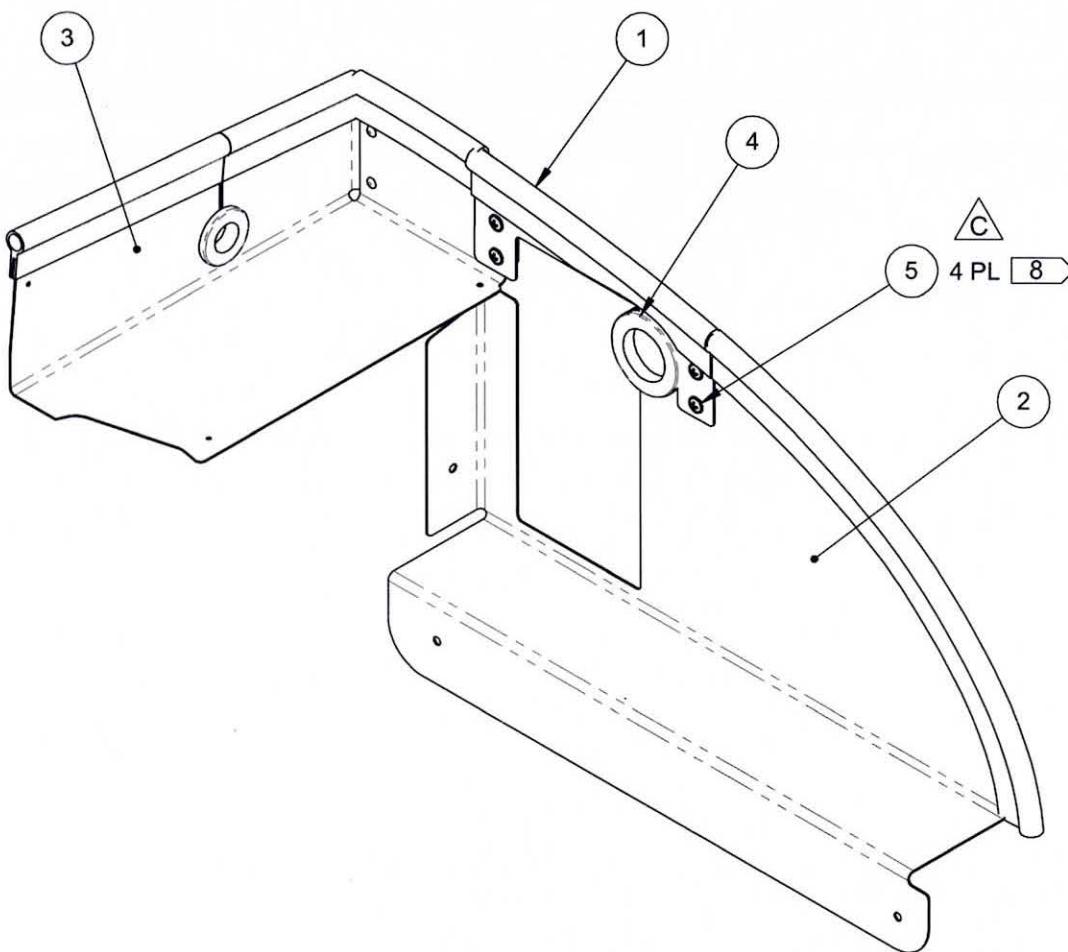
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ITEM	QTY	Number	DESCRIPTION
	X	D4436-047	AFT BRACKET ASSEMBLY
1	1	D4435-047	BRACKET ASSEMBLY
2	1	D4436-049	AFT OUTBOARD BRACKET ASSEMBLY
3	1	D4436-051	AFT INBOARD BRACKET ASSEMBLY
4	1	D4440-1	GROMMET
5	4	AN525-832R6	SCREW, WASHER HEAD

C

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C



C

D4436-047 AFT BRACKET ASSEMBLY C

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MAR 1 2023 SAD

APPROVED

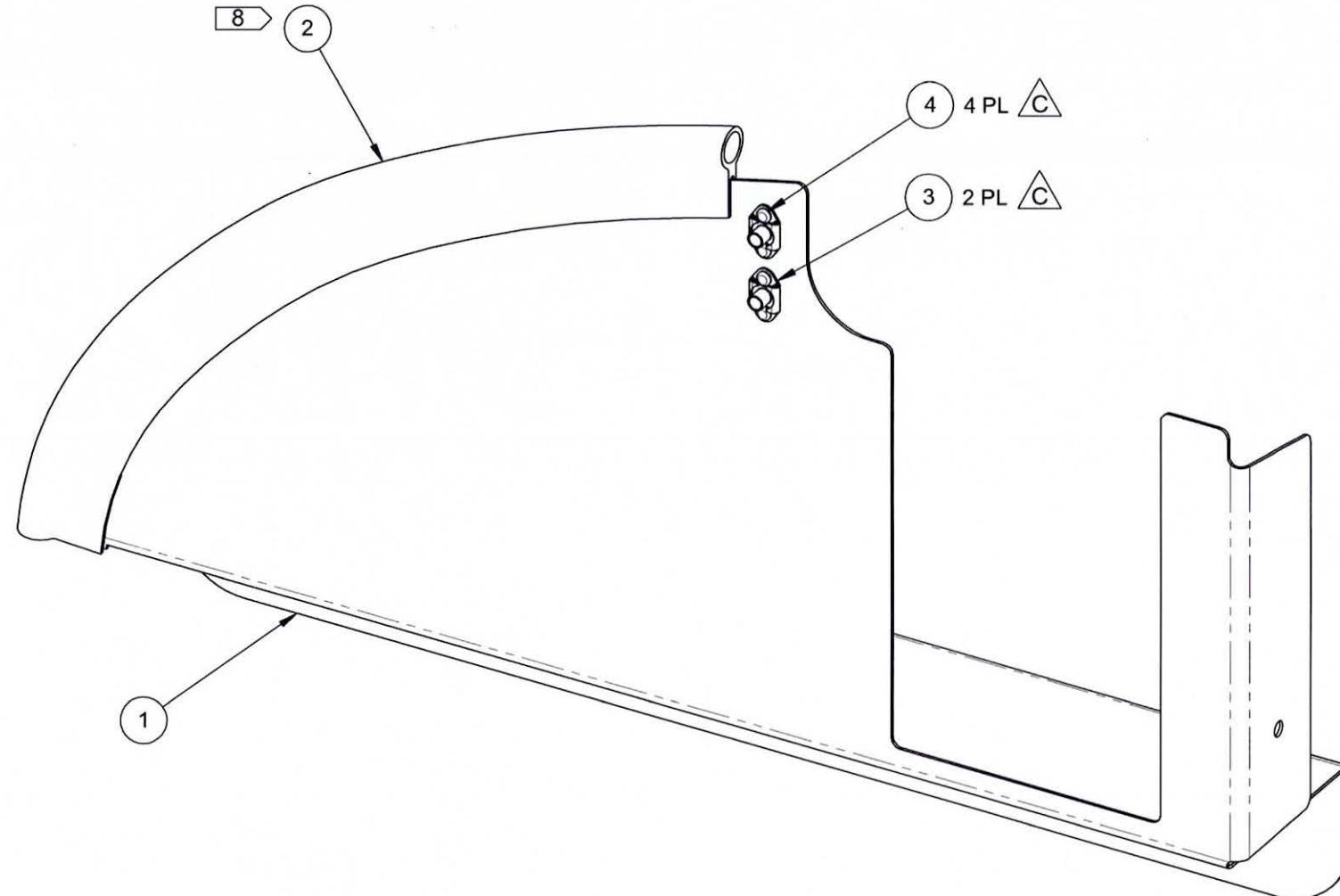
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DRAWN	RF	HAWKESBURY, ONTARIO, CANADA
CHECKED	SAD	DRAWING NO.
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APPROVED	SAD	D4436
DE APPR.	DS UP	SHEET 4 OF 14
		SCALE
		NTS
		COVER ASSEMBLY
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NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 1.15 lbs
- 8) TORQUE SCREWS TO 12-15 (in-lb)

ITEM	QTY -049	P/N	DESCRIPTION
	X	D4436-049	AFT OUTBOARD BRACKET ASSEMBLY
1	1	D4436-9	BRACKET
2	1	D4441-1-124	RUBBER SEAL
3	2	MS21075L08	NUT PLATE, SELF-LOCKING, FLOATING
4	4	MS20426AD3-(2)	RIVET
5	A/R	3M 1300/1300L	ADHESIVE

C



D4436-049 AFT OUTBOARD BRACKET ASSEMBLY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "BLACK SANDTEX" (4.3.5.7) PER DART QSI 005 4.3
MASK NUT PLATE HOLES
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.66 lbs
- 8) INSTALL RUBBER SEAL TO EDGE OF PART AFTER POWDER COAT USING 3M 1300/1300L ADHESIVE
ENSURE BRACKET IS COMPLETELY INSERTED INTO GROOVE OF RUBBER SEAL.
IT IS ACCEPTABLE TO NOTCH THE SEAL AS REQUIRED TO PREVENT IT FROM BUCKLING

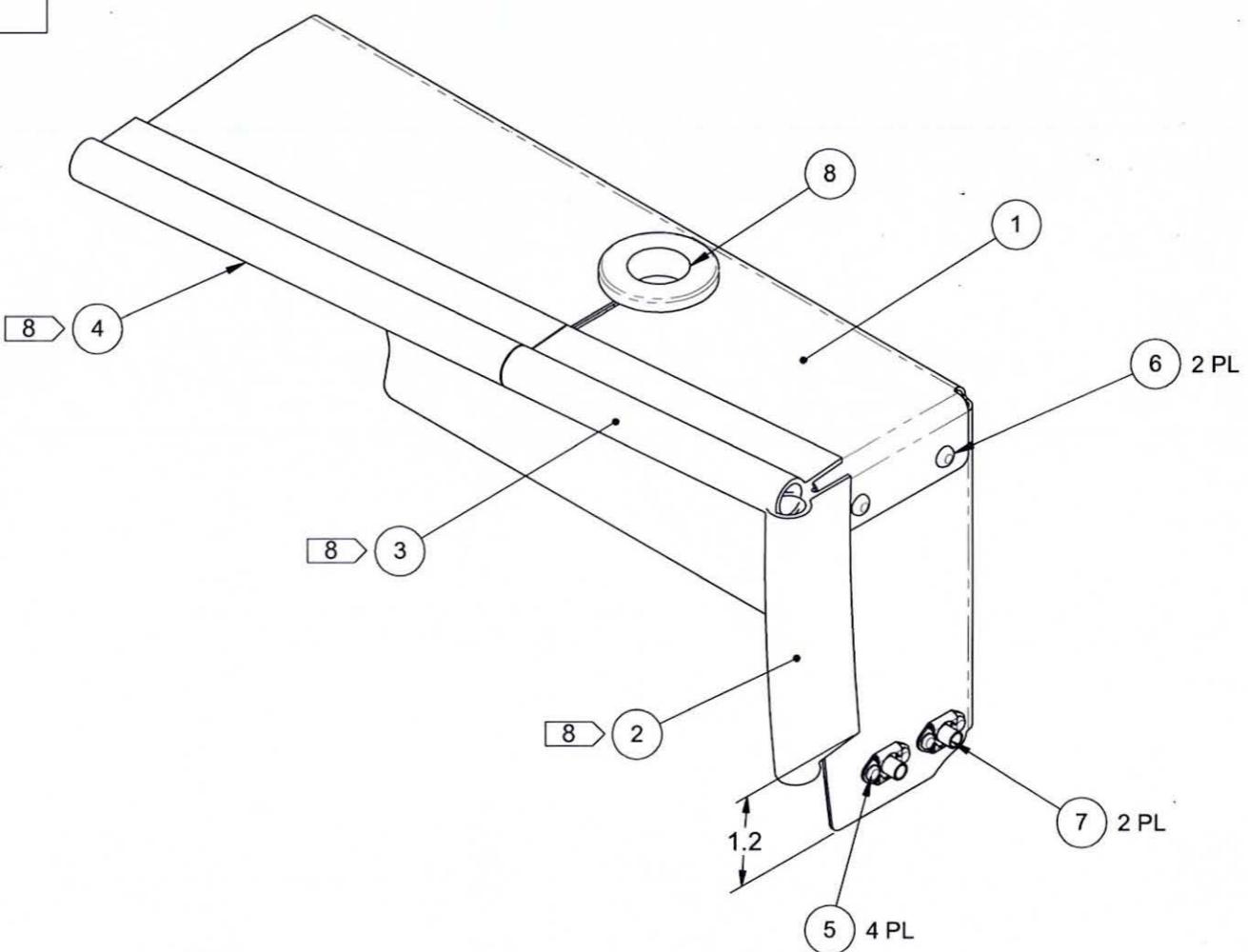
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MAR 1 2023 SM

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DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	SAD	DRAWING NO.	
MFG. APPR.	JFS	REV. C	
APPROVED	SAD	D4436	
DE APPR.	DS gp	SHEET 5 OF 14	
DATE 23.01.03		TITLE	
COVER ASSEMBLY		SCALE	
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ITEM	QTY	P/N	DESCRIPTION
	X	D4436-051	AFT INBOARD BRACKET ASSEMBLY
1	1	D4436-5	BRACKET
2	1	D4441-1-036	RUBBER SEAL
3	1	D4441-1-039	RUBBER SEAL
4	1	D4441-1-061	RUBBER SEAL
5	4	MS20426AD3-(2)	RIVET
6	2	MS20470AD4-(3)	RIVET
7	2	MS21075L08	NUT PLATE, SELF-LOCKING, FLOATING
8	1	MS35489-19	GROMMET
9	A/R	3M 1300/1300L	ADHESIVE



D4436-051 AFT INBOARD BRACKET ASSEMBLY 

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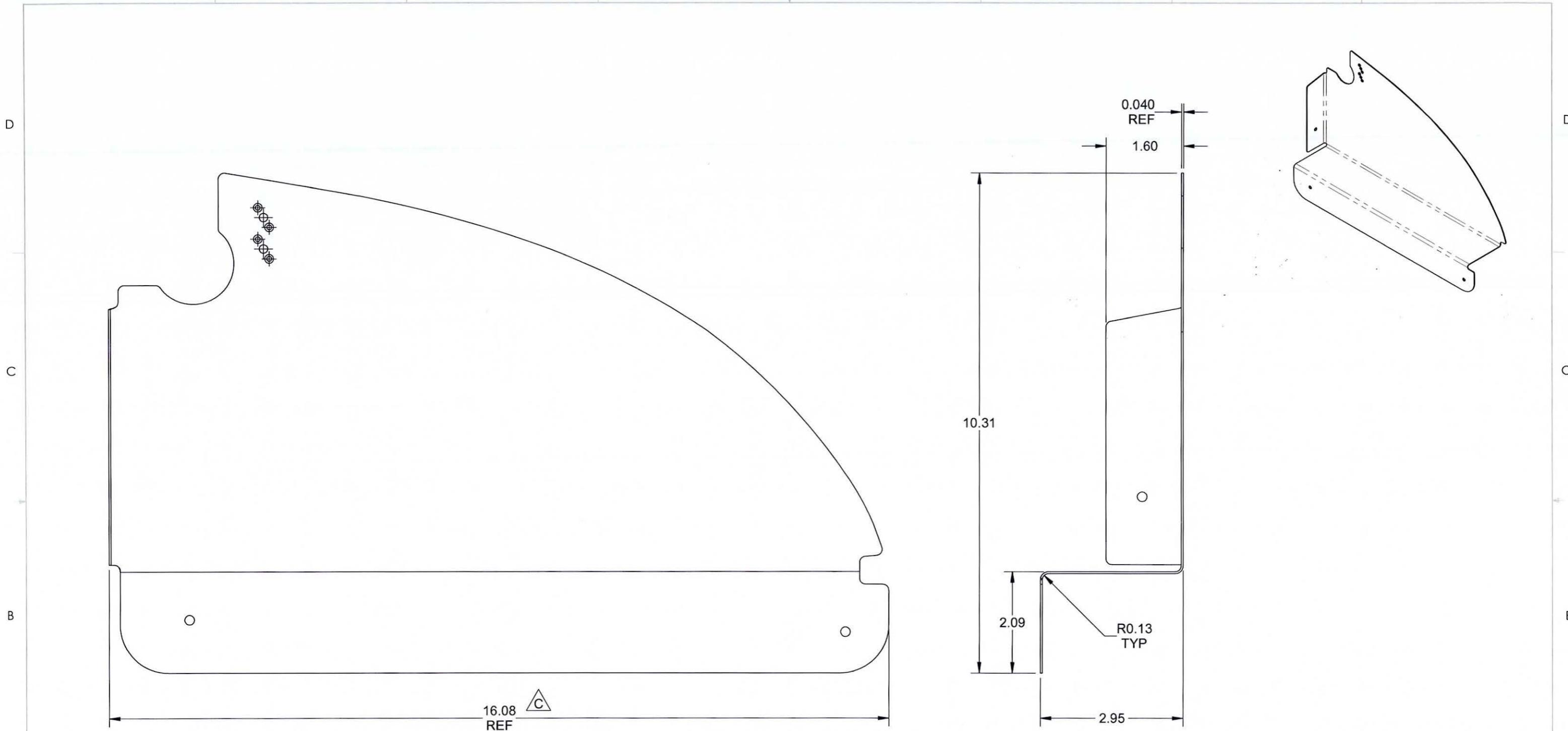
MAR 1 2023 *SAD*

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DESIGN	RF	DART AEROSPACE LTD
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA
CHECKED	SAD	DRAWING NO.
MFG. APPR.	JFS	REV. C
APPROVED	SAD	D4436
DE APPR.	DS <i>up</i>	SHEET 6 OF 14
DATE	23.01.03	TITLE
		SCALE
		NTS
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NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "BLACK SANDTEX" (4.3.5.7) PER DART QSI 005 4.3
MASK NUT PLATE HOLES
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.42 lbs
- 8) INSTALL RUBBER SEAL TO EDGE OF PART AFTER POWDER COAT USING 3M 1300/1300L ADHESIVE,
ENSURE BRACKET IS COMPLETELY INSERTED INTO GROOVE OF RUBBER SEAL.
IT IS ACCEPTABLE TO NOTCH THE SEAL AS REQUIRED TO PREVENT IT FROM BUCKLING

D4436-1 BRACKET

RELEASED

MAR 1 2023 SAD

NOTES:

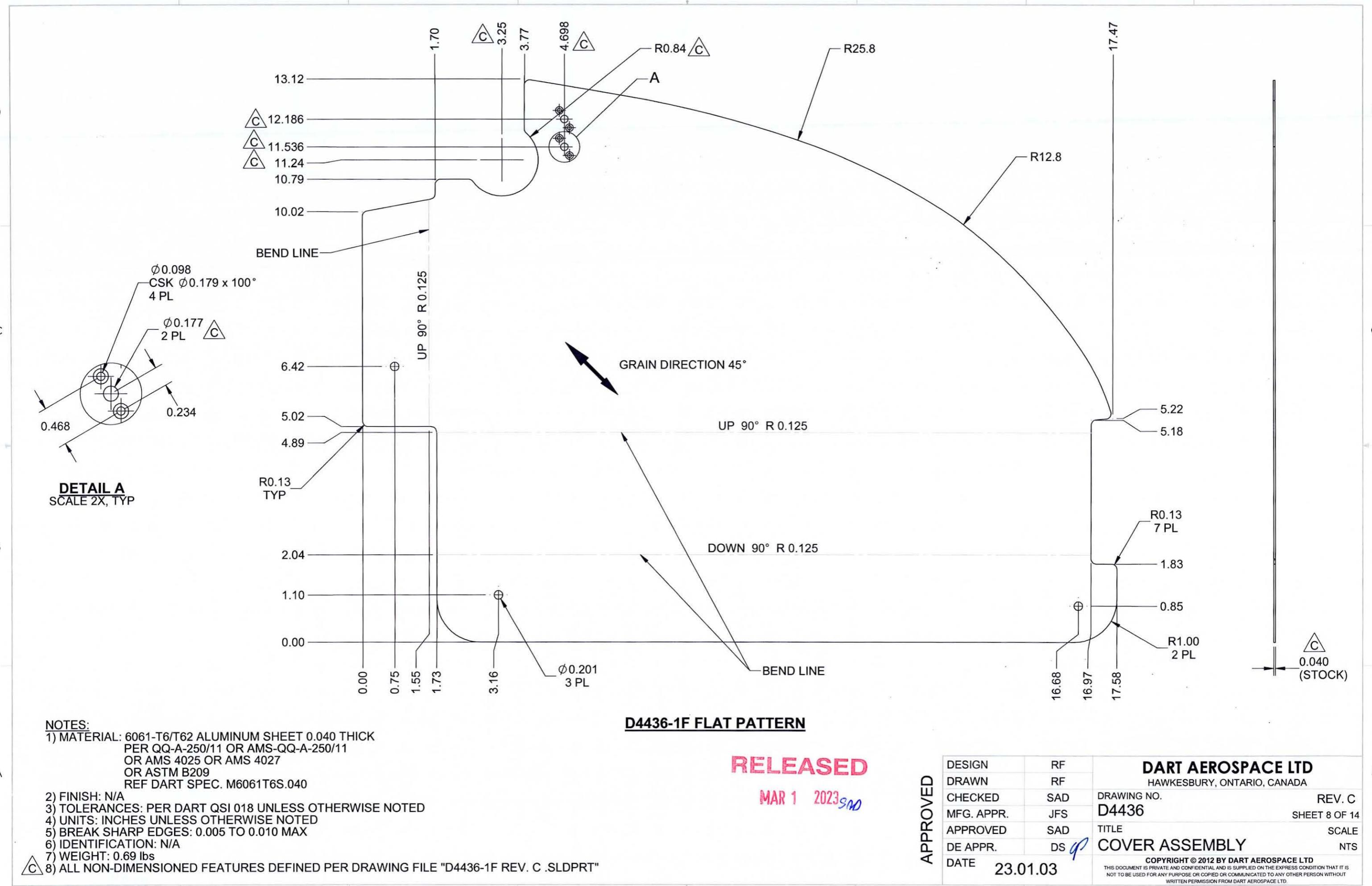
- 1) MATERIAL: MAKE FROM D4436-1F FLAT PATTERN
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.69 lbs

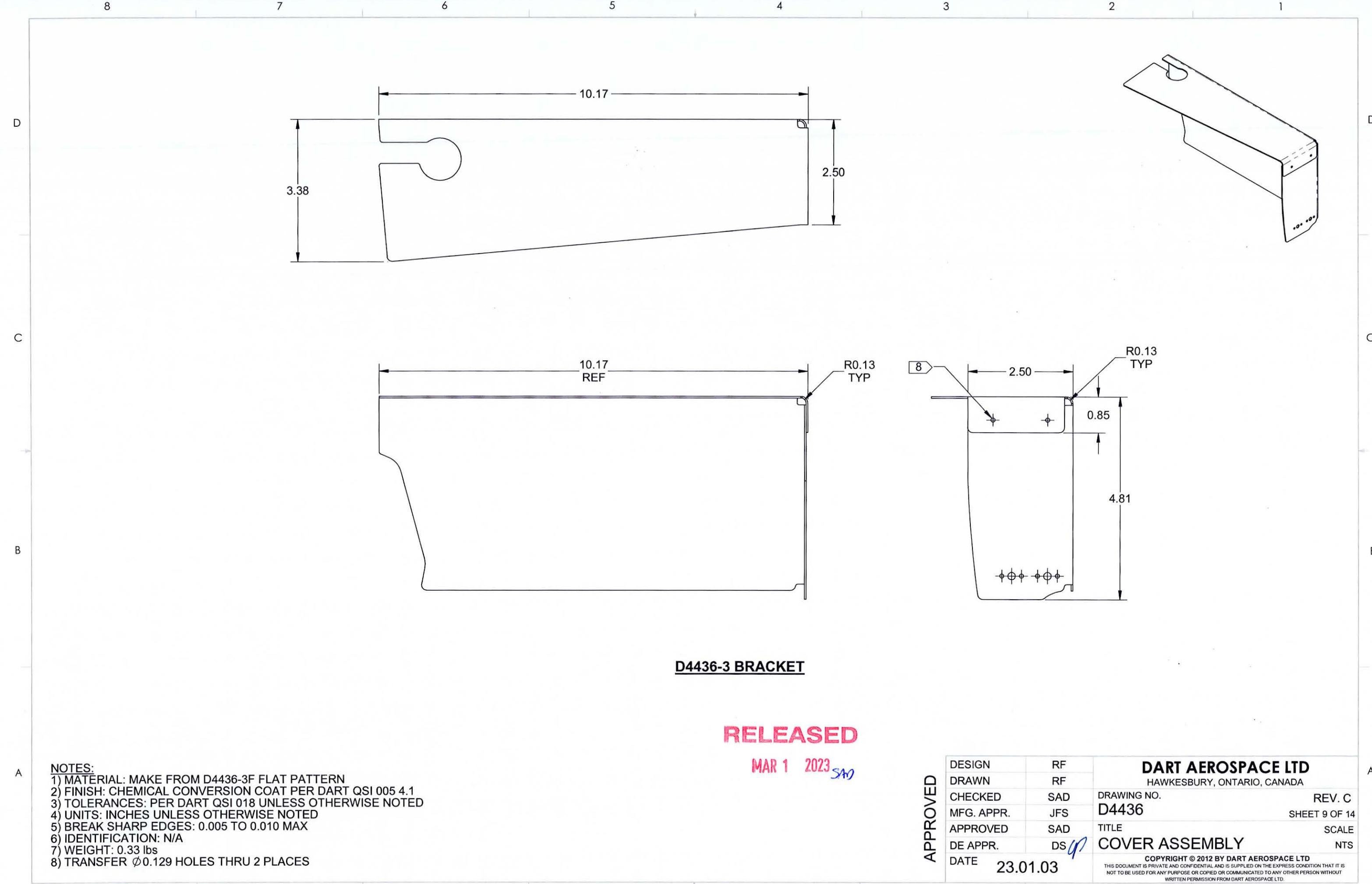
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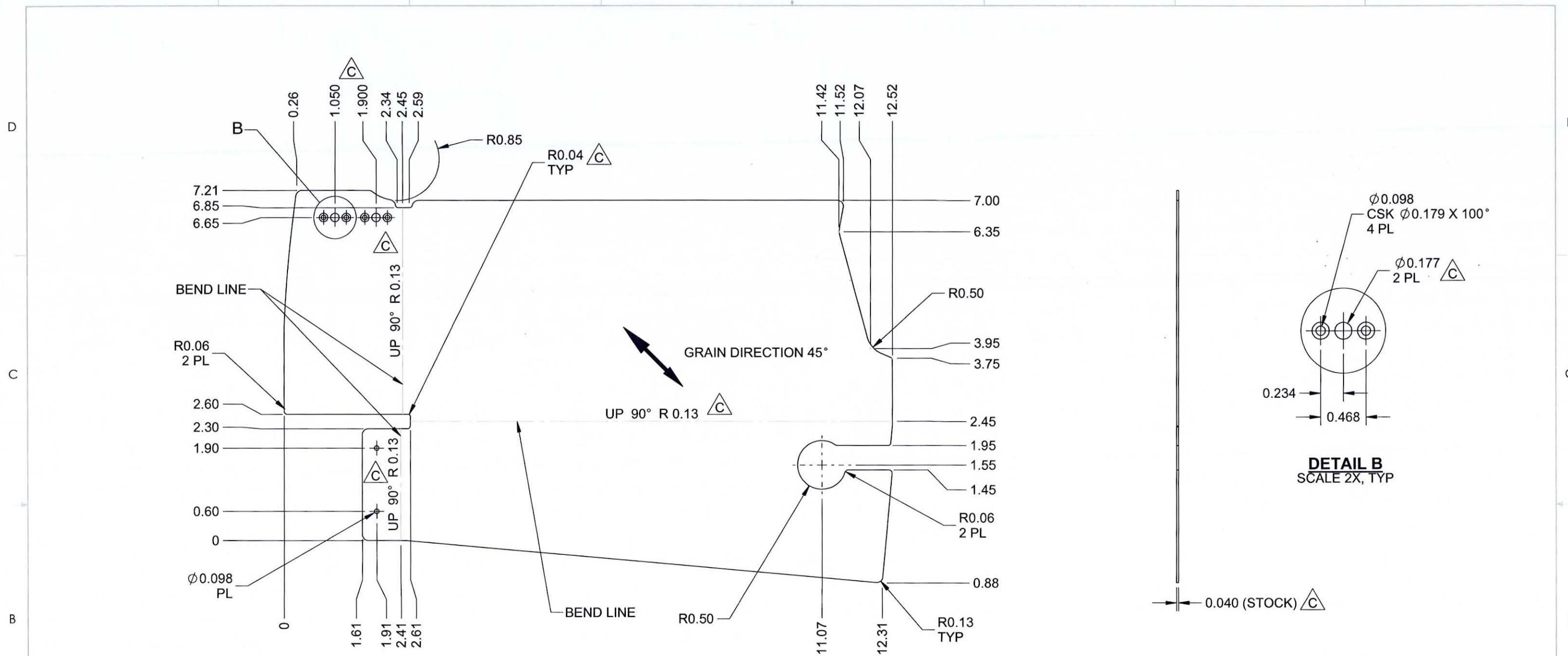
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DRAWN	RF
CHECKED	SAD
MFG. APPR.	JFS
APPROVED	SAD
DE APPR.	DS <i>gp</i>
DATE	23.01.03

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

REV. C
SHEET 7 OF 14
TITLE
COVER ASSEMBLY
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D4436-3F FLAT PATTERN

NOTES:

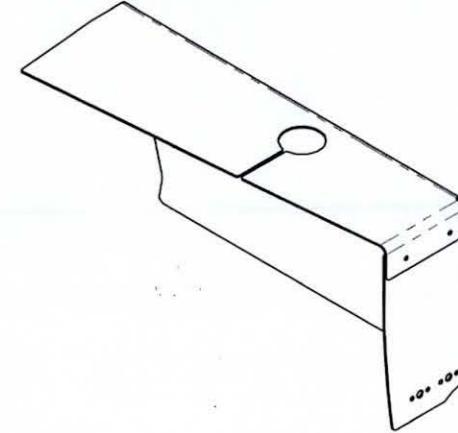
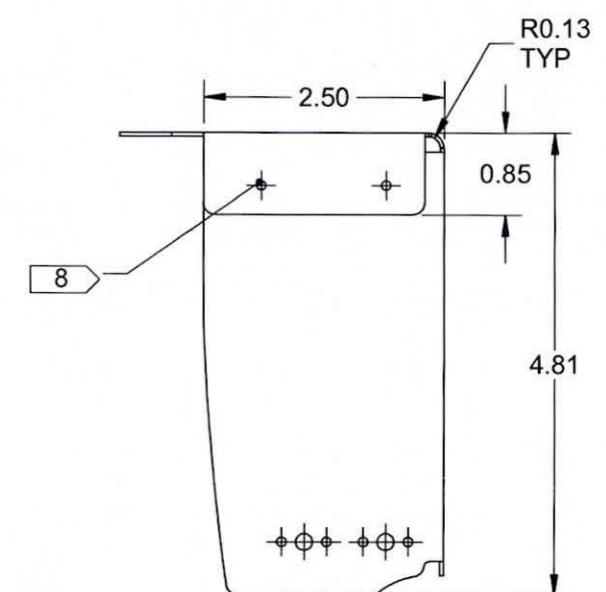
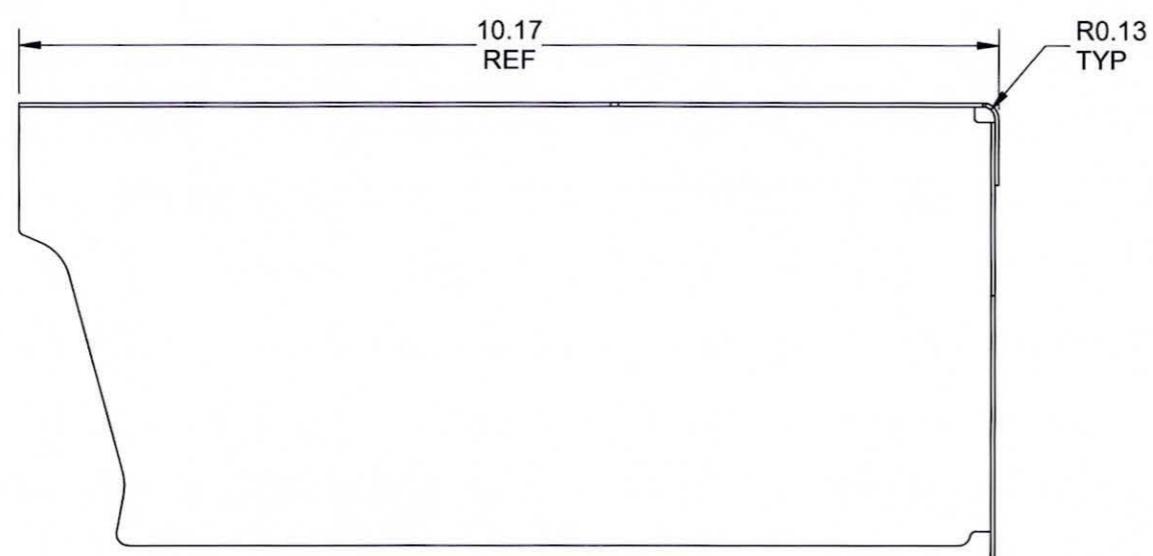
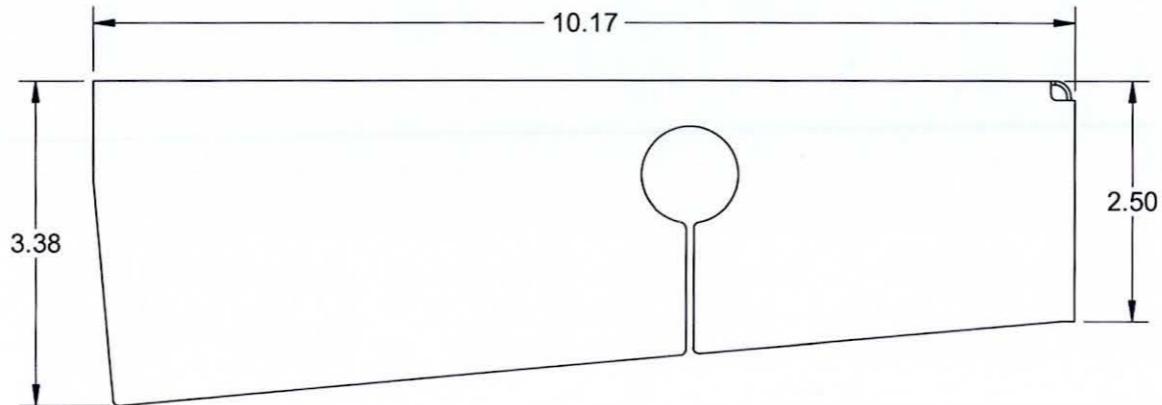
- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET 0.040 THICK
PER QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027
OR ASTM B209
REF DART SPEC. M6061T6S.040
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.33 lbs
- 8) ALL NON-DIMENSIONED FEATURES DEFINED PER DRAWING FILE "D4436-3F REV. C .SLDPRT"

RELEASED

MAR 1 2023 *SMP*

APPROVED

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	SAD	DRAWING NO.	
MFG. APPR.	JFS	REV. C	
APPROVED	SAD	D4436	
DE APPR.	DS <i>1P</i>	SHEET 10 OF 14	
DATE	23.01.03	TITLE	
		SCALE	
		NTS	
		COVER ASSEMBLY	
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D4436-5 BRACKET

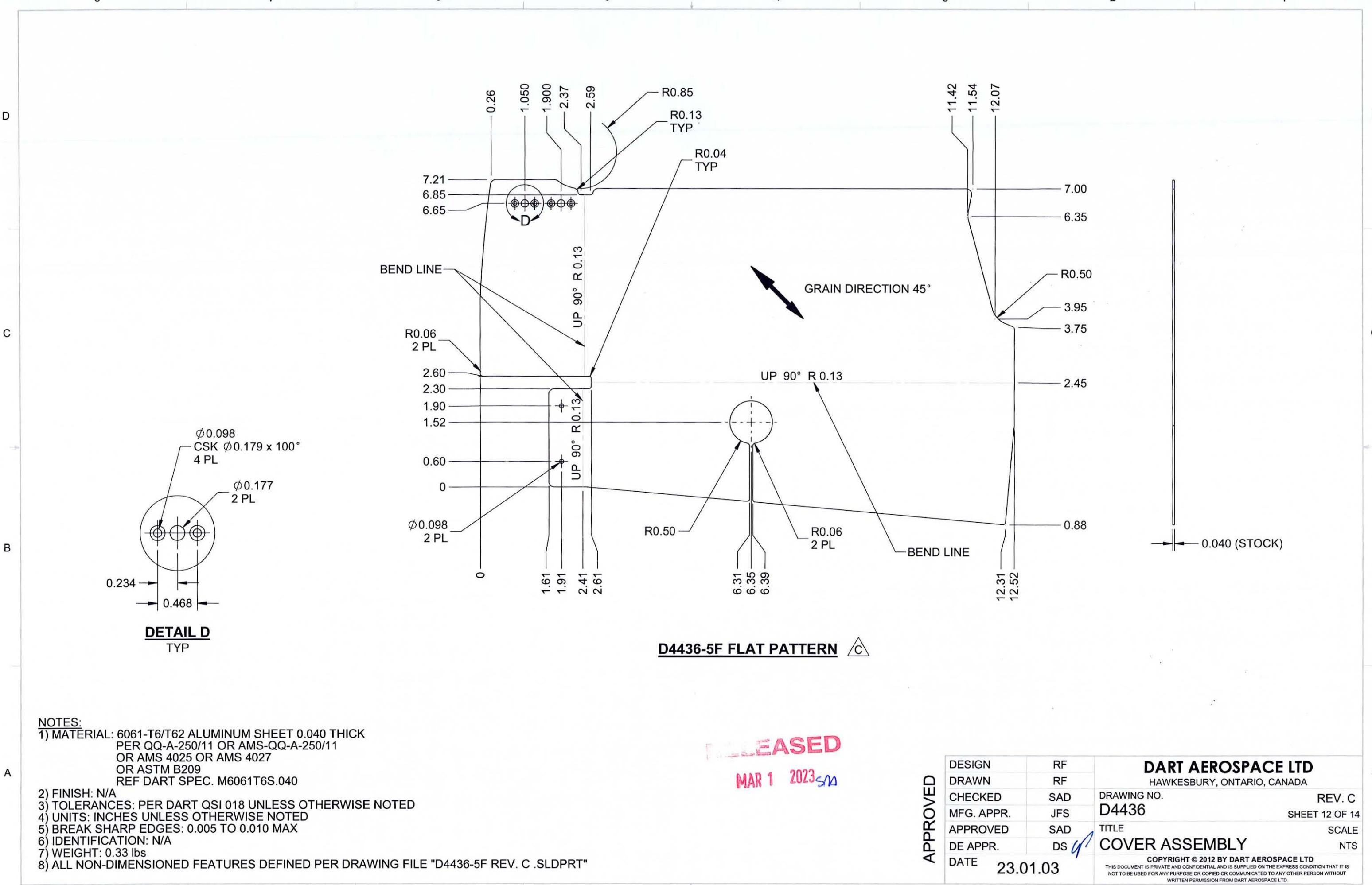
RELEASED
MAR 1 2023 *SMP*

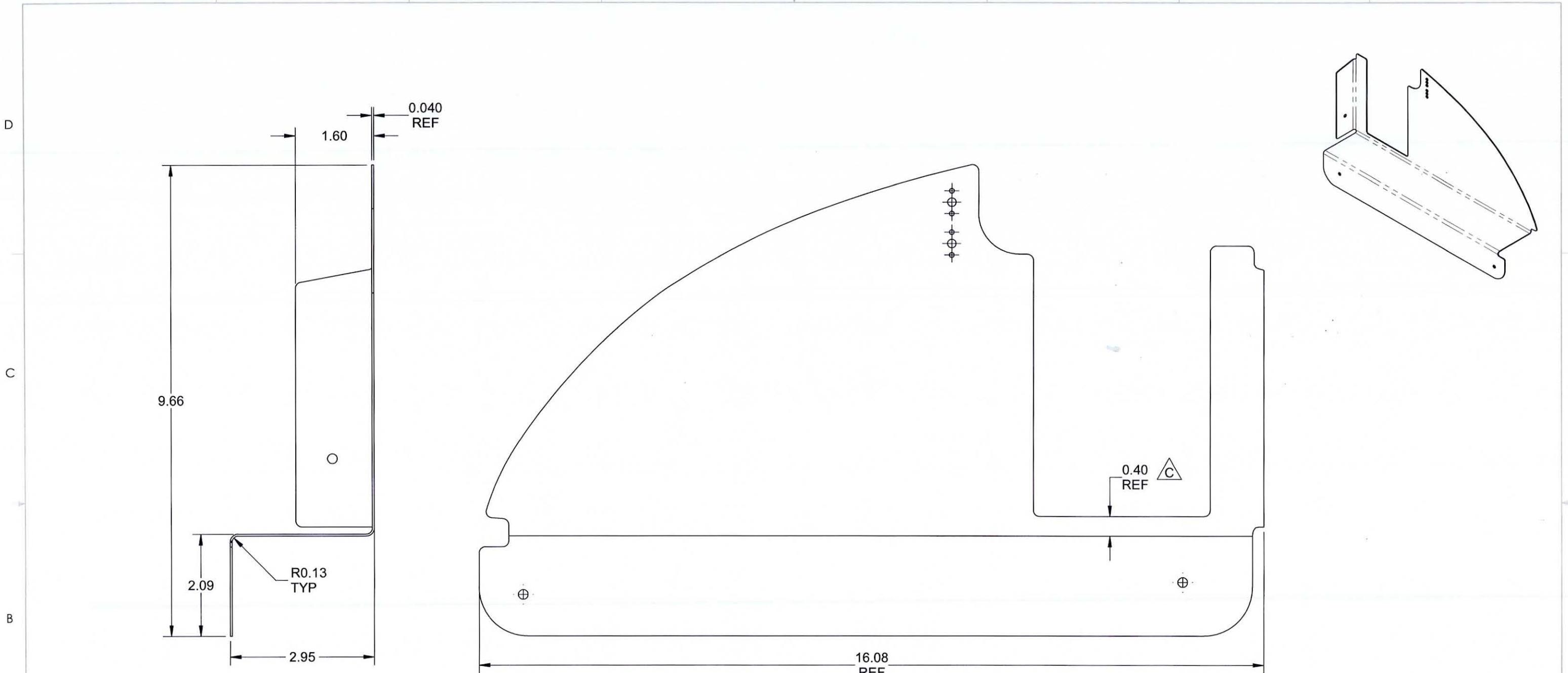
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DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	SAD	DRAWING NO.	
MFG. APPR.	JFS	REV. C	
APPROVED	SAD	D4436	
DE APPR.	DS <i>91</i>	SHEET 11 OF 14	
DATE	23.01.03	TITLE	
		SCALE	
		NTS	
		COVER ASSEMBLY	
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NOTES:

- 1) MATERIAL: MAKE FROM D4436-5F FLAT PATTERN
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.33 lbs
- 8) TRANSFER \varnothing 0.129 HOLES THRU 2 PLACES



**D4436-9 BRACKET****RELEASED**

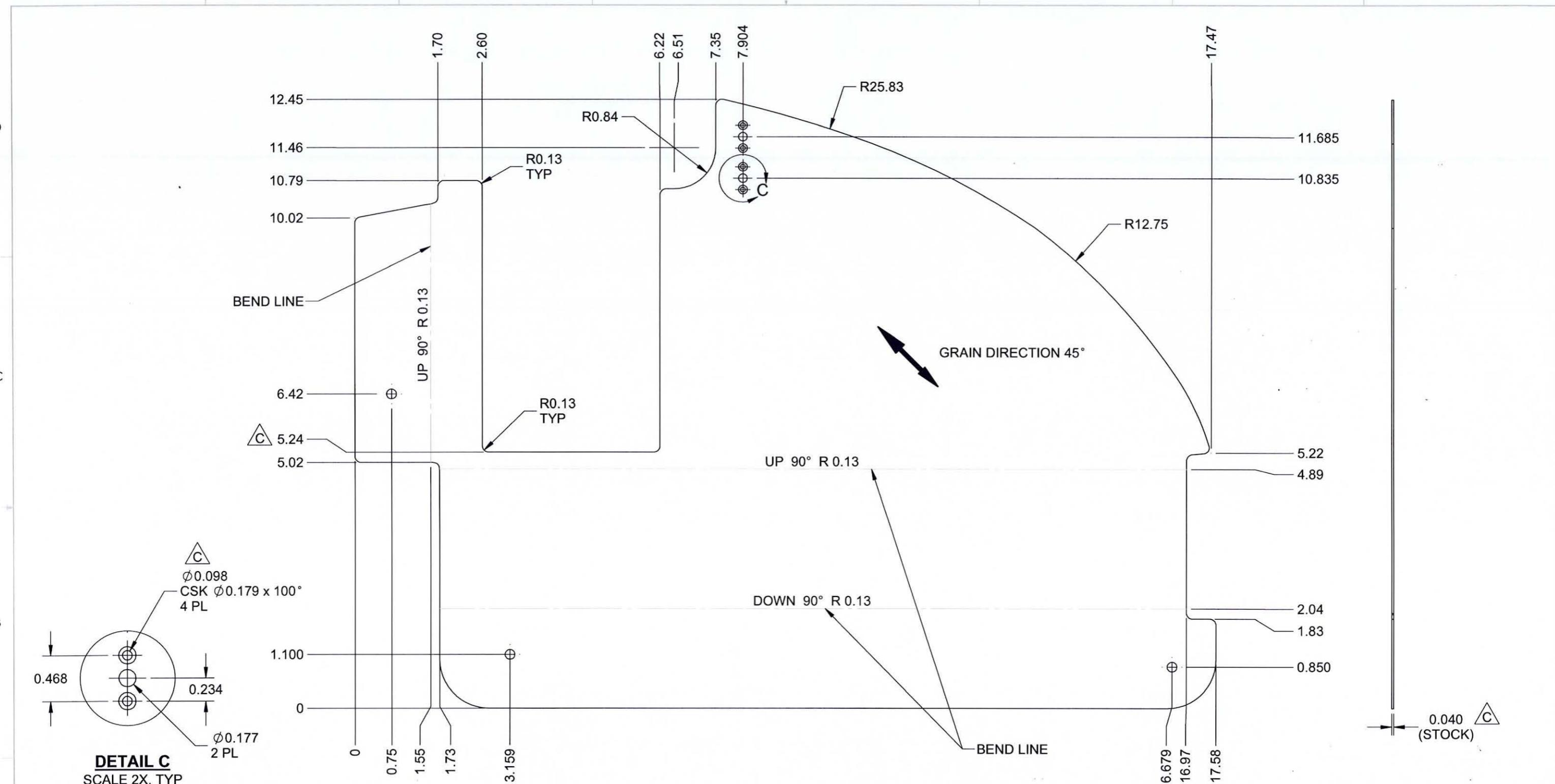
MAR 1 2023 SAD

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DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	RF	
CHECKED	SAD	
MFG. APPR.	JFS	
APPROVED	SAD	
DE APPR.	DS 9P	
DATE	23.01.03	REV. C
		SHEET 13 OF 14
		SCALE
		NTS
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NOTES:

- 1) MATERIAL: MAKE FROM D4436-9F FLAT PATTERN
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.59 lbs



NOTES:
 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET 0.040 THICK
 PER QQ-A-250/11 OR AMS-QQ-A-250/11
 OR AMS 4025 OR AMS 4027
 OR ASTM B209
 REF DART SPEC. M6061T6S.040

2) FINISH: N/A
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: N/A
 7) WEIGHT: 0.59 lbs
 8) ALL NON-DIMENSIONED FEATURES DEFINED PER DRAWING FILE "D4436-9F REV. C .SLDPRT"

D4436-9F FLAT PATTERN ▲

RELEASED

MAR 1 2023 SM

APPROVED

DESIGN DRAWN	RF
CHECKED	SAD
MFG. APPR.	JFS
APPROVED	SAD
DE APPR.	DS

DART AEROSPACE LTD	REV. C
HAWKESBURY, ONTARIO, CANADA	SHEET 14 OF 14
DRAWING NO.	
D4436	
TITLE	SCALE
COVER ASSEMBLY	NTS
DATE	23.01.03

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